

1/6

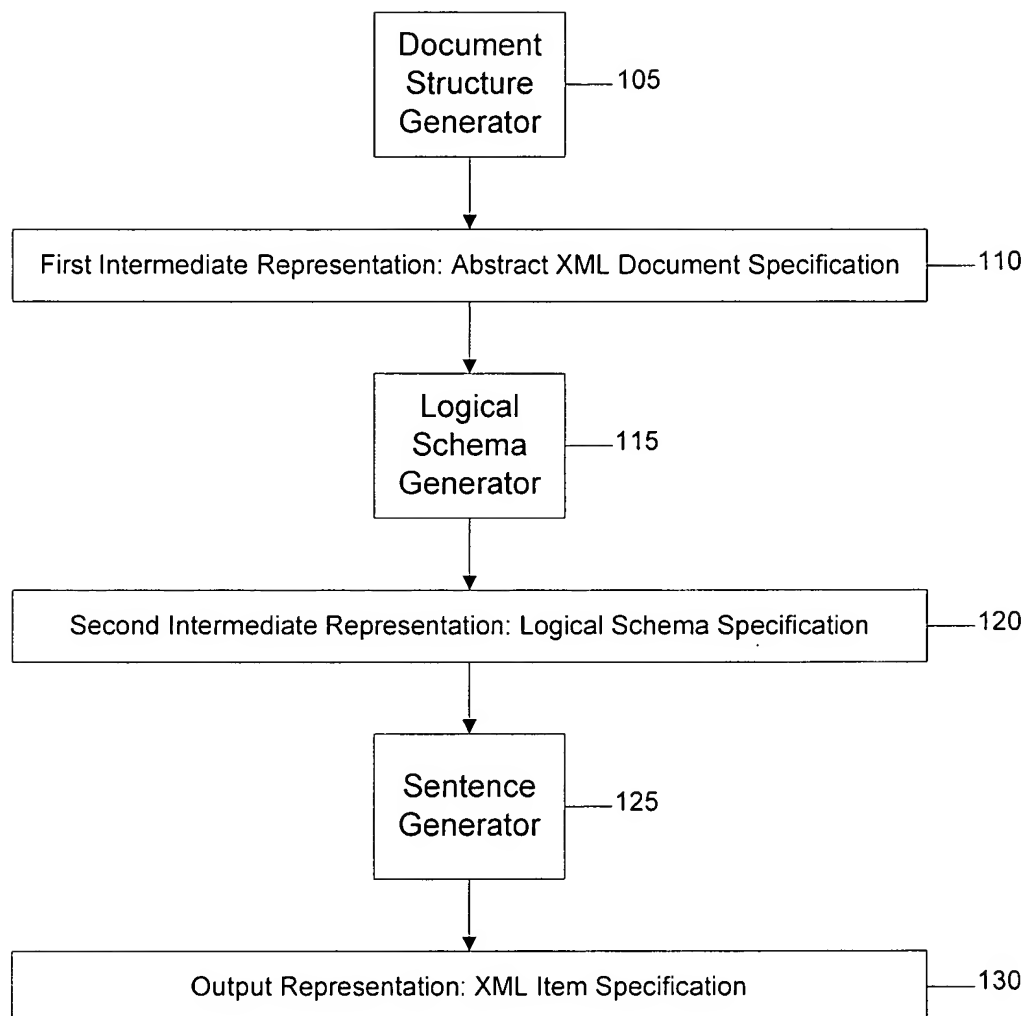


FIG. 1

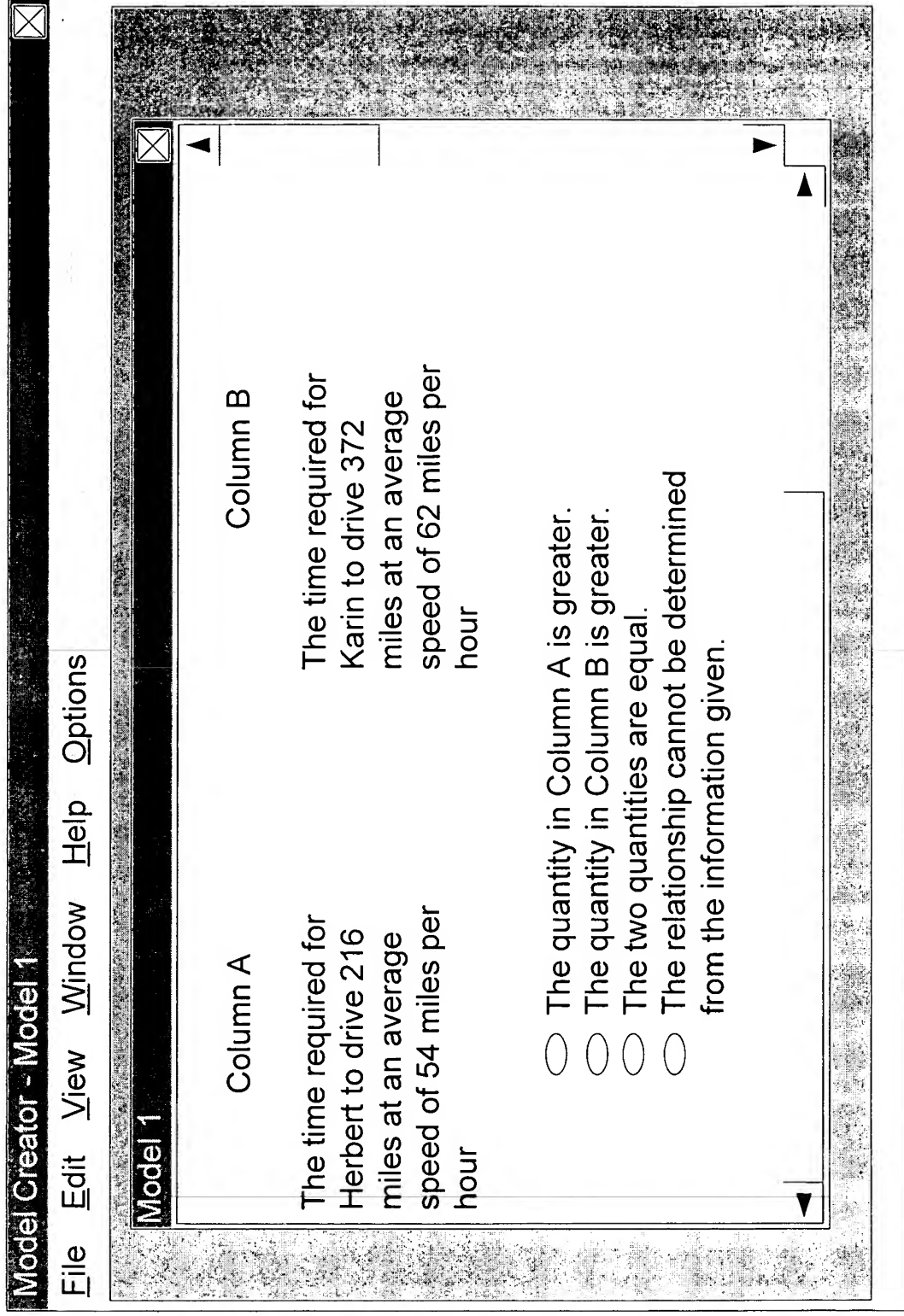


FIG. 2

Dialog

Solve For:
(305)

Distance
Rate
Time

OK

Cancel

Format:
(310)

No stem, A, B
Stem, A query expression1, B constant
Stem expression1, A expression2, B qu
Stem, A query expression1, B query exp

Pattern:
(315)

Human moves
Vehicle moves
Human moves vehicle
Vehicle is moved

Structure:
(320)

One event
Two events

Language

Math

Units

FIG. 3

Language Details

✕

Distinct Vehicle Types (405)

1

2

Name: (410)

First Name

Last Name

Male First Name

Female First Name

Ethnic First Name

2nd Name: (410)

First Name

Last Name

Male First Name

Female First Name

Ethnic First Name

Type of Trip: (415)

Multiple Leg

Round Trip

Same Distance/Route

Same Distance

Same Speed

Same Time

Same Rate/Time

Same Rate/Distance

Same Distance/Time

Same Distance/Rate/Time

Normal

OK

Cancel

☐ Express Route?

☐ Straight Route?

☐ Average Rate?

☐ Constant Rate?

☐ Express Endpoints?

☐ Event Nouns?

☐ Express Time by Clock?

☐ Express Rate Definition?

☐ Item Asks for Number?

☐ Narrative?

☐ Past Tense?

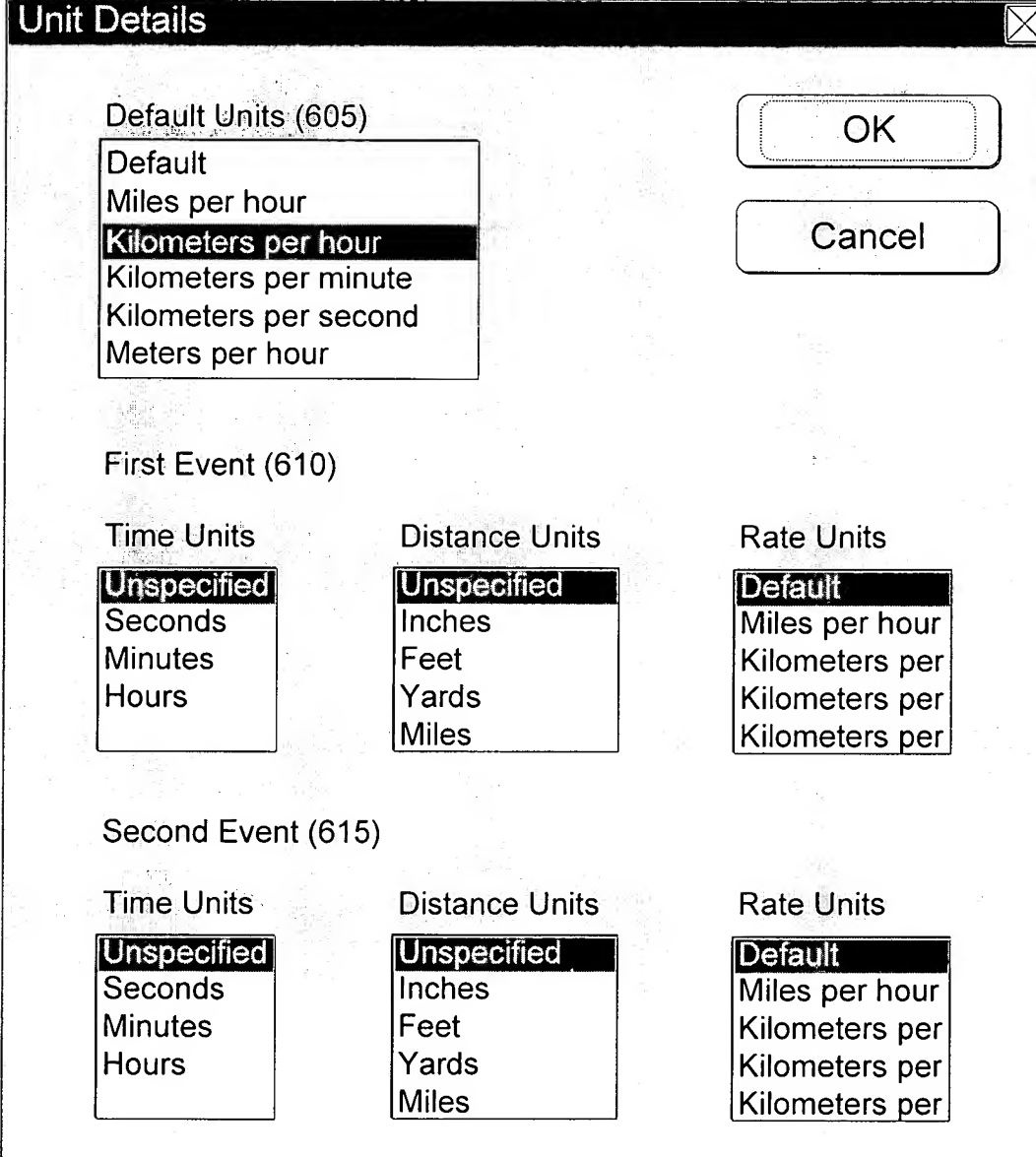
☐ Give Summary Info?

☐ Use Explicit Labels?

FIG. 4

First Event (505)		Key (520)	Unsp		
Minimum Rate	50		A	OK	
Maximum Rate	65		B	Cancel	
Rate Increment	1		C		
Minimum Time	1		D		
Maximum Time	6			Constants (515) <input type="checkbox"/> Use these values	
Time Increment	1			Time (event 1)	4
				Rate (event 1)	54
				Distance (event 1)	216
Second Event (510)					
Minimum Rate	50			Time (event 2)	6
Maximum Rate	65			Rate (event 2)	62
Rate Increment	1			Distance (event 2)	372
Minimum Time	1			Constant Time	5
Maximum Time	6			Constant Rate	30
Time Increment	1			Constant Distance	50

FIG. 5



The image shows a 'Unit Details' dialog box with a title bar and a close button. It contains three main sections: 'Default Units (605)', 'First Event (610)', and 'Second Event (615)'. Each section has a list of units and a set of buttons for 'Time Units', 'Distance Units', and 'Rate Units'. The 'Default Units' list includes 'Default', 'Miles per hour', 'Kilometers per hour' (highlighted), 'Kilometers per minute', 'Kilometers per second', and 'Meters per hour'. The 'First Event' and 'Second Event' sections each have three columns of unit lists. The 'Time Units' column in each event section has 'Unspecified' highlighted. The 'Distance Units' column has 'Unspecified' highlighted. The 'Rate Units' column has 'Default' highlighted. The 'Rate Units' list for both events includes 'Miles per hour', 'Kilometers per', 'Kilometers per', and 'Kilometers per'.

Unit Details

Default Units (605)

- Default
- Miles per hour
- Kilometers per hour**
- Kilometers per minute
- Kilometers per second
- Meters per hour

First Event (610)

Time Units

- Unspecified**
- Seconds
- Minutes
- Hours

Distance Units

- Unspecified**
- Inches
- Feet
- Yards
- Miles

Rate Units

- Default**
- Miles per hour
- Kilometers per
- Kilometers per
- Kilometers per

Second Event (615)

Time Units

- Unspecified**
- Seconds
- Minutes
- Hours

Distance Units

- Unspecified**
- Inches
- Feet
- Yards
- Miles

Rate Units

- Default**
- Miles per hour
- Kilometers per
- Kilometers per
- Kilometers per

OK

Cancel

FIG. 6